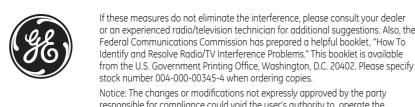
Model 27980 2.4 GHz Cordless BedroomPhone™ User's Guide



responsible for compliance could void the user's authority to operate the

Hearing Aid Compatibility (HAC)

Licensing

Licensed under US Patent 6,427,009.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter

WARNING: TO PREVENT FIRE O HAZARD, DO NO EXPOSETHIS
PRODUCT TO RA OR MOISTURE

	1	CAUTION: RISK OF ELECTRIC SHOCK DO NOT OPEN	A		
OR OCK OT	THE LIGHTNING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.		
AIIN	SEE MARKING ON BOTTOM / BACK OF PRODUCT				

Equipment Approval Information

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA

1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company. The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details. Notes

- •This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

US Number is located on the cabinet bottom REN number is located on the cabinet bottom

2 Rights of the Telephone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations. The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference: and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Privacy of Communications may not be ensured when using this product. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit

different from that to which the receiving antenna is connected.



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Introduction

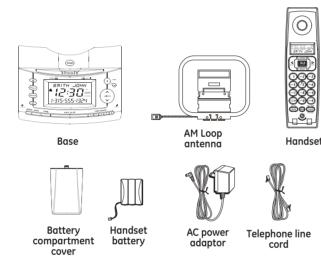
CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your home goes out

Before You Begin

Parts Checklist

Make sure your package includes the following items:



Telephone Jack Requirements

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.



Installation

Digital Security System

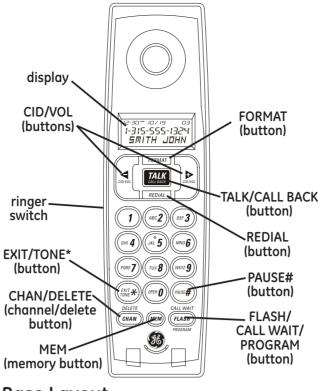
Your cordless phone uses a digital security system to protect against false ringing, unauthorized access, and charges to your phone line. When you place the handset in the base, the unit verifies its security code. After a power outage or battery replacement, you should place the handset in the base for about 20 seconds to reset the code

INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause or receive interference with nearby TVs, microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave oven, or VCR. If such interference continues, move the cordless telephone farther away from these appliances. Certain other communications devices may also use the 2.4 GHz frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned with interference. please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 2.4 GHz frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone systems, and some long-range cordless telephone systems.

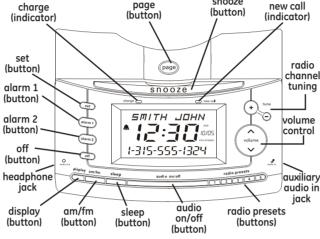
Important Installation Guidelines

- Avoid sources of noise and heat, such as motors, fluorescent lighting, microwave ovens, heating appliances and direct
- Avoid areas of excessive dust, moisture and low temperature.
- Avoid other cordless telephones or personal computers.
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch non-insulated telephone wires or terminals, unless the telephone line has been disconnected at the network
- Use caution when installing or modifying telephone lines.

Handset Layout



Base Layout

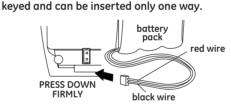


Installing the Phone

Installing the Handset Battery

NOTE: You must connect the handset battery before use. CAUTION: To reduce the risk of fire or personal injury, use only the Thomson Inc. approved Nickel-metal Hydride battery model 5-2705 that is compatible with this unit.

- 1. Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
- 2. Locate the battery compartment on the back of the handset.
- 3. Plug the battery pack cord into the jack inside the compartment. NOTE: It is important to maintain the polarity (black and red wires) to the jack inside the compartment. To ensure proper battery installation, the connector is



- 4. Insert the battery pack.
- 5. Close the battery compartment by pushing the door up until it snaps into place.
- 6. Place the handset in the charging cradle.

Connecting the Telephone Line

Choose the best location to install your telephone. Your telephone should be placed on a level surface, such as a desk or table top.

- 1. Plug one end of the straight telephone line cord into the PHONE LINE jack on the base.
- 2. Plug the other end into a wall jack.
- 3. Set the RINGER switch on the handset to **ON** and place the handset

NOTE: The charge indicator (on the base) turns on when the handset is on the cradle, to signal the battery is

Connecting the Electrical Power

1. Plug one end of the power adaptor cord into the back of the base. 2. Plug the other end into an electrical outlet.

CAUTION: To reduce risk of personal injury, fire, or damage use only the 5-2608 and/or 5-2769 power adaptor(s) listed in the user's guide. This power adaptor is intended to be correctly orientated in a

vertical or floor mount position. Battery Backup

This telephone is equipped with a memory holding system powered by a customer-installed 9-volt alkaline battery (not included).

When electrical power is interrupted, or the electrical line is unplugged, the battery operates the clock to retain the time of day and alarm settings in memory. When the unit is running on battery power, the digital display does not light up; however, if wake time occurs during the power interruption, the alarm buzzer sounds (regardless of the type of alarm tone selected) if remaining battery power is adequate. Normal operation resumes after electrical power

To install the backup battery:

1. Open the battery compartment cover located on the bottom of the

Battery clip

Battery

- 2. Connect a fresh 9-volt alkaline battery (not included). Interlock the large and small contacts on the battery clip and the battery Once connected, place the battery inside the battery compartment.
- 3. Replace the battery compartment cover.

NOTE: Alkaline (NEDA 1604A) batteries are recommended. Carbon-zinc (NEDA 1604) batteries may be used but memory holding time will be substantially reduced. Memory holding time for a fresh alkaline battery is approximately 3 months (if Wake System is not activated), which should take care of short, nuisance-type AC power failures. To preserve battery life, the phone should remain plugged into an AC electrical outlet. As the battery gets older, its voltage drops and memory may be lost. Be sure to replace the battery periodically. A backup battery is not included with this telephone.

NOTE: If battery is not installed:

a) All alarm time setting memory will be lost if the unit is unplugged for more than 60 seconds.

b) The clock will stop running during a power outage period but will start running when power resumes. The clock will blink to indicate that the time may not be correct.

IMPORTANT: If storing this unit for more than 30 days, remove the battery

Base Setup

Real Time

NOTE: The telephone company sends the current time and date with the Caller ID (CID) information. If you don't manually set the clock time, the unit automatically sets the time and date when the first call is received.

NOTE: Press the set button at any time to skip to the next set up step or press the off button to exit to the main menu

- 1. Press and release the set button until **SET REAL TIME** shows in the
- 2. Press and release the tune + or buttons to set the time in 1 minute increments or press and hold to scroll quickly.
- 3. Press the set button to save. The unit moves to the month setting.
- 4. Press and release the tune + or buttons to set the month in 1 month increments or press and hold to scroll quickly.
- 5. Press the set button to save. The unit moves to the day setting.
- 6. Press and release the tune + or buttons to set the day in 1 day increments or press and hold to scroll quickly
- 7. Press the set button to save. CLK: AUTO > MANU shows in the
- 8. Use the tune + or buttons to select ▶AUTO.
- 9. Press the set button to save. **KEYTONE:** ON OFF shows in the
- 10. Use the tune + or buttons to select **▶ON** or **▶OFF**. 11. Press the set button to save and the unit returns to the main menu.

Clock Auto Update

If you have manually set the clock, the automatic clock update feature is disabled. To reset the unit so that the clock will be updated at the next incoming call;

- 1. Press the set button four times. CLK: AUTO > MANU shows in the display
- 2. Use the tune + or buttons to select ▶ AUTO.
- 3. Press the set button to save and the unit advances to the Keytone setting menu.

Keytone Setting

- If you wish to change the keytone setting;
- 1. Press the off button for 2 seconds.
- 2. Use the tune + or buttons to select ▶ ON or ▶ OFF.
- 3. Press the set button to save and the unit returns to the main menu.

Display Backlight

Use the display button to adjust the display brightness to desired setting; low, medium, or high.

NOTE: The unit must be connected to an electrical outlet to adjust display brightness.

Radio Operation

- 1. Press and release the audio on/off button to turn the radio on.
- 2. Press the am/fm button to the select the desired broadcast band
- 3. Press the tune + or button to select a radio station / frequency.
- 4. Press the volume control to adjust the listening level (1 through 27).
- 5. To turn the radio off, press and release audio on/off.

Programming Preset Channels

- 1. Repeat steps 2 and 3 above.
- 2. Press and hold a preset channel button (1, 2, 3, 4, or 5) until you hear a beep. The station's frequency shows in the display and is stored on innel. The default channel is FM 100 9MH7 / AM 520
- 3. If desired, repeat step 1 and 2 until all preset channels are programmed.

Built-in AFC

The built-in Automatic Frequency Control (AFC) works only on FM mode. It helps keep the radio locked onto the FM stations/frequencies. FM stereo is a built-in function.

AM Antenna

If you want to listen to an AM frequency radio channel, you need to connect the AM loop antenna to the jack on the back of the base.

FM Antenna

The power cord acts as your FM antenna. The power cord picks up moderate to strong signals and eliminates the need for an external antenna in most strong signal areas. Be sure the power cord is stretched to its longest length. Do not coil or bunch the cord together. Changing position of the power cord may improve reception.

Headphone Output

If the headphone jack is inserted into the headphone output jack on the base unit, the speaker output will be automatically switched to the headphone terminal

Auxiliary Audio-In Jack

When the audio on/off button is turned on and an auxiliary audio-in jack is inserted from an external audio source, the unit automatically switches from broadcast to the external source and **AUXILIARY AUDIO** When the auxiliary audio-in jack is removed from the unit, the unit will

automatically switch off and return to stand-by mode. NOTE: To switch between the external audio source and

radio mode, press and hold the audio on/off key for 2 seconds.

Handset Setup

Programmable Menus

There are five programmable menus available: Language, Local Area Code, Ringer Tone, Tone/Pulse and Factory Default. When you program these settings, make sure the phone is OFF (not in talk mode). Pressing the EXIT/TONE* button will remove you from the menu selection process without changing the feature you are in.

Display Language

- 1. Press the FLASH/CALL WAIT/PROGRAM button until 1ENG 2FRA **3ESP** shows in the display.
- 2. Use the CID/VOL (◆ or ▶) button or the handset number pad to select 1 (English), 2 (French), or 3 (Spanish). The default setting is
- 3. Press the FLASH/CALL WAIT/PROGRAM button to save and to advance to the next menu feature.

Local Area Code

If you enter your local 3-digit area code in the area code menu, your local area code does not display on the Caller ID (CID) list. Instead, you only see the local 7-digit number. Calls received from outside your local area code will display the full 10-digit number.

- 1. Press the FLASH/CALL WAIT/PROGRAM button until AREA CODE - shows in the display.
- 2. Use the handset number pad to enter your 3-digit area code. The default setting is ---NOTE: If you make a mistake, press the CHAN/DELETE button

to erase the incorrect area code and repeat step 2. 3. Press the FLASH/CALL WAIT/PROGRAM button to save and to

Ringer Tone

advance to the next menu feature.

- 1. Press the FLASH/CALL WAIT/PROGRAM button until RINGER TONE shows in the display.
- 2. Use the CID/VOL (◆ or ▶) button or the handset number pad (1-3) to enter your selection from Ringer Tone 1, 2, or 3. The default setting is RINGER TONE 1.
- 3. Press the FLASH/CALL WAIT/PROGRAM button to save and to advance to the next menu feature.

Tone/Pulse

- 1. Press the FLASH/CALL WAIT/PROGRAM button until 1 TONE 2 PULSE shows in the display.
- 2. Use the CID/VOL (◀ or ▶) button or the handset number pad to enter your selection. The default setting is 1 TONE.
- 3. Press the FLASH/CALL WAIT/PROGRAM button to save and to advance to the next menu feature.

Factory Default

- This feature allows you to restore the handset's original features. 1. Press the FLASH/CALL WAIT/PROGRAM button until **DEFAULT** shows
- 2. Use the CID/VOL (◆ or ▶) button to switch between **YES or NO**. The
- default setting is NO. 3. Press FLASH/CALL WAIT/PROGRAM to save. You will hear a

Alarm Setup NOTE: Press the off button at any time to exit setup

confirmation tone.

in the display.

menu and leave settings unchanged. Set Alarm Type

- This Bedroom Phone is equipped with two alarms. The alarms can be set independently to either radio or buzzer. 1. Press and hold alarm 1 or alarm 2 button for two seconds. A tone
- will sound and the current alarm status is displayed. 2. Press the button again to select the desired type of alarm (radio, buzzer or alarm off). The corresponding icon shows in the display. A music note indicates that the alarm is set to radio, a bell indicates
- that the alarm is set to buzzer. 3. Press the set button to save and confirm setting. **SET ALARM TIME** shows in display. Refer to step 3 of the Set Alarm Time section for

further instructions.

If no action is taken, unit will exit menu and return to stand-by mode.

- Set Alarm Time
- 1. Press and hold the alarm 1 or alarm 2 button for two seconds.
- 3. Use the tune + or button to set the wake time. Press and hold to quickly increase or decrease the increments.

4. Press the set button to save and confirm setting. ALARM LENGTH

shows in display. Refer to step 3 of the Set Alarm Time section for further instructions.

If no action is taken, unit will exit menu and return to stand-by mode.

Set Alarm Length

- 1. Press and hold the alarm 1 or alarm 2 button for two seconds.
- 2. Press the set button twice.
- 3. Press the tune + or button to set the length time. Alarm length can be set from 15 minutes to 2 hours.

4. Press the set button to save and confirm setting. The display shows **ALARM 1** (or 2), or if in Radio Alarm mode the most recently tuned channel. Refer to step 3 of the Set Radio Alarm Preset Channel section for further instructions.

If no action is taken, unit will exit menu and return to stand-by mode.

Set Radio Alarm Preset Channel

- 1. Press and hold the alarm 1 or alarm 2 button for two seconds.
- Press the set button three times. 3. Press the tune + or - button to scroll through the preset
- (1-5) channels to select a channel for the alarm. The frequency shows on the display. If no radio preset button is pressed, the channel for the alarm will be the most recent tuned channel. 4. Press the set button to save and confirm setting. ALARM 1 (or 2) VOL **= XX** shows on the display, **XX** is the most recent selected volume

level. Refer to step 3 of the Set Alarm Volume section for further

If no action is taken, unit will exit menu and return to stand-by mode. Set Alarm Volume

- 1. Press and hold the alarm 1 or alarm 2 button for two seconds.
- 2. Press the set button **four times**.
- 3. Press volume up or down button to select desired volume level (1 through 27).
- 4. Press the set button to save and confirm setting and unit will return

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Turning Off the Alarms

After the wake mode is activated, to turn off the alarm, press the off, alarm 1, or alarm 2 buttons. The alarm setting is retained and comes

NOTE: If you do not want the alarm to be activated on the next day press and hold the alarm 1, or alarm 2 button while in standby mode, until ALARM1 (or 2) OFF shows in the display.

Setting the Snooze Timer

- Press and release the set button.
- 2. Press and release the snooze button. **SNOOZE TIMER** shows in
- 3. Press and release the tune + or button to set the snooze time in 1 minute increments up to 59 minutes or press and hold to scroll through the snooze time settings quickly. (The default is 9 minutes.)
- 4. Press the set button to save the snooze setting.

Snooze Timer

After the wake mode is activated, you can silence it by pressing the snooze button. You may use the snooze feature repeatedly.

NOTE: The alarm icon will blink while snooze mode is

Using the Sleep Timer

Use the sleep timer to play the radio for a desired amount of time (increments of 15 minutes up to two hours), and then have it shut off automatically. The default sleep time is 59 minutes

- 1. Press the sleep button repeatedly to select the desired sleep timer setting. Each press of the button will decrease the setting by
- 2. The radio turns on automatically and the timer starts after you've selected the desired setting.
- NOTE: To review the current sleep timer setting, press and release the sleep button.
- 3. To cancel the sleep timer and turn the radio off, press snooze or

Telephone Operation

NOTE: When the handset has picked up the telephone line, PHONE IN USE displays on the base unit. Also, if your house has parallel phone connected to the same telephone and when the parallel phone is using the telephone line, LINE IN USE displays on the base unit.

Making a Call

1. Press the TALK/CALL BACK button and dial the desired number.

To perform preview dial, dial the number first then press the TALK/ CALL BACK button

2. To hang up, press the TALK/CALL BACK button or place the handset in the base cradle.

IMPORTANT: If the power in your home goes out, the backup battery powers only the base, NOT the phone.

Redial

Press the REDIAL button to quickly dial the last number you called (up

If you get a busy signal, and want to keep dialing the number, press REDIAL to dial the number again.

Receiving a Call

- 1. To answer a call press the TALK/CALL BACK button on the handset before you begin speaking.
- 2. To hang up, press the TALK/CALL BACK button or place the handset in the base cradle.

NOTE: The radio will automatically mute to allow ring tone for incoming call or whenever the phone is in use. If desired, press the audio on/off button to unmute radio during a call.

Flash

If you subscribe to the combined Call Waiting Caller ID service from your local telephone company you will receive Caller ID information (if available) on Call Waiting calls. During a phone call, you will hear a beep to indicate another call is waiting on the line and Caller ID information for the waiting call shows on the handset display. To connect the waiting call, press the FLASH/CALL WAIT/PROGRAM button on the handset and your original call is put on hold. You may switch back and forth between the two calls by pressing the FLASH/ CALL WAIT/PROGRAM button.

TIP: Do not use the TALK/CALL BACK button to activate custom calling services such as call waiting, or you'll hang up the phone

Handset Volume

When the TALK/CALL BACK button is depressed to make a call, press the CID/VOL (◆ or ▶) on the handset to adjust the volume of the increase the volume and left arrow to decrease the volume. You will see the volume setting on the handset display. VOL 4 is the maximum and VOL 1 is the minimum.

Channel Button

While talking on the phone, you might need to manually change the channel in order to reduce static caused by applicances, such as baby monitors, garage door openers, microwave ovens, or other cordless phones. Press and release the CHAN/DELETE button to move to the next clear channel.

Temporary Tone

This feature is useful only if you have pulse (rotary) service. Temporary Tone Dialing enables pulse (rotary) service phone users to access touchtone services offered by banks, credit card companies, etc. For example, when you call your bank you may need to enter your bank account number. Temporarily switching to touchtone mode allows you to send your number.

- 1. Dial the telephone number and wait for the line to connect.
- 2. When your call is answered, press the EXIT/TONE* button on the handset to temporarily change from pulse dialing to tone dialing.
- 3. Follow the automated instructions to get the information you need.
- 4. Hang up the handset and the phone automatically returns to pulse

Exit

Press the EXIT/TONE* button to cancel any command you initiated.

Ringer Switch

The RINGER switch must be ON for the handset to ring during incoming calls.

Paging the Handset

This feature helps to locate a misplaced handset.

Press the page button on the base. The handset will beep for about two minutes or until you press TALK on the handset or press the page button on the base.

NOTE: You can still page the handset if the ringer is turned off. If the handset battery is dead, the Paging feature will not work.

Caller ID (CID)

IMPORTANT: In order to use this unit's Caller ID features, you must subscribe to either the standard Name/Number Caller ID Service or Call Waiting Caller ID Service. To know who is calling while you are on the phone, you must subscribe to Call Waiting Caller ID Service.



This unit receives and displays information transmitted by your local phone company. This information can include the phone number, date, and time; or the name, phone number, date, and time.

Call Waiting Caller ID

Provided you subscribe to Call Waiting Caller ID service from your phone company; if you receive an incoming call and you are already on the phone, a beep indicates the presence of a Call Waiting call on the line. Only the handset that is in use at the time of the call will display and store the Call Waiting Caller ID information

• When you hear the call waiting beep in the handset receiver, press the FLASH/CALL WAIT/PROGRAM button to put the current call on hold and answer the incoming call. Press FLASH/CALL WAIT/ PROGRAM again to return to the original call.

Receiving CID Records

When you receive a call, the Caller ID information is transmitted between the first and second ring. The Caller ID information appears on the display while the phone rings, giving you a chance to monitor the information and decide whether or not to answer the call.

Storing CID Records (In CID Memory)

If you are not at home or cannot answer, your telephone's Caller ID memory stores the data for the 40 most recent calls you received so you can see who called while you were unavailable. When the 41st call is received, the oldest Caller ID record (1st call) is automatically

You may review the stored information at any time. Calls received since your last review show as **NEW** in the display. Calls that have not been previously reviewed but were received from the same number more than once show as **REPT** in the display.

Reviewing Caller ID Records

As calls are received and stored, the display is updated to let you know how many calls have been received.

- Make sure the phone is **OFF** (not in TALK mode).
- Press the CID/VOL (◀) button to scroll through the call records from the most recent to the oldest.
- Press the CID/VOL (▶) button to scroll through the call records from the oldest to the newest.

Dialing a Caller ID Number

- 1. Make sure the phone is **OFF** (not in TALK mode).
- 2. Use the CID/VOL (◆ or ▶) button to display the desired Caller ID record.
- 3. Press the TALK/CALL BACK button to dial the number.

NOTE: Depending on (a) how the incoming caller's phone number is formatted when it is received, and (b) whether or not you previously pre-programmed your local area code into the set up menu, you may need to adjust the format of the incoming caller's stored phone number before making the call, press the FORMAT button to adjust the number, and try again.

Available formats include:

Number of digits	Explanation	Example
Eleven digits	long distance code "1" +3-digit area code +7-digit telephone number	1-317-888-8888
Ten digits	3-digit area code + 7-digit telephone number.	317-888-8888
Seven digits	7-digit telephone number.	888-8888

Storing CID Records in Internal Memory

You may also store CID information in the phone's internal memory.

NOTE: It is important that you format CID records correctly BEFORE storing in internal memory as you cannot reformat CID records stored in memory.

- 1. Make sure the phone is **OFF** (not in talk mode).
- 2. Press the CID/VOL (◆ or ▶) button until the desired Caller ID record is displayed.
- 3. Press the MEM button.
- 4. Press a number (0-9) to store the number in that memory location. You will hear a confirmation tone. Example, press the number 1 key to store the record in memory location 1.

NOTE: If the memory location is occupied, REPLACE MEMO? is displayed, and you must confirm replacement by pressing the MEM button.

NOTE: Press the EXIT/TONE* button once to keep the previous setting (making no changes) and return to the

NOTE: If the selected CID record contains any information that is non-numeric, the unit will not allow this record to transfer to the internal user memory. The handset will display UNABLE TO STORE.

To Replace a Stored CID Record

- 1. Repeat steps 1 through 4 in Storing CID Records in Internal Memory. After you enter the memory location, **REPLACE MEMO?** shows in
- 2. Press the MEM button again, and the new Caller ID record replaces the old memory in that location. You will hear a confirmation tone.

Deleting a CID Record

- 1. Make sure the phone is **OFF** (not in TALK mode).
- 2. Use the CID/VOL (\blacktriangleleft or \blacktriangleright) button to display the CID record you
- 3. Press CHAN/DELETE. The display shows **DELETE CALL ID?**. 4. Press CHAN/DELETE again to erase the record and the next Caller
- ID record shows in the display. You will hear a confirmation tone. NOTE: Press the EXIT/TONE* key to return to the standby

Deleting All CID Records

- 1. Make sure the phone is OFF (not in TALK mode).
- 2. Use the CID/VOL (◀ or ▶) button to display any Caller ID record.
- 3. Press and hold the CHAN/DELETE button until unit beeps **DELETE** ALL? shows in the display.
- 4. Press CHAN/DELETE again to erase all records. You will hear a confirmation tone. The display shows NO CALLS.
- NOTE: Press the EXIT/TONE* key to return to the standby mode.

Memory

Store up to ten 24-digit numbers in memory for quick dialing. This memory feature is in addition to the 40 Caller ID records that can be

Storing a Name and Number in Memory

- 1. Make sure the phone is OFF (not in TALK mode).
- 2. Press the MEM button.
- 3. Press a number (0-9) to store the dialed number in that memory location. If the memory location is occupied, the memory location and stored name and number appear on the screen.

NOTE: If the memory location is occupied, the memory location number and stored name and telephone number shows in the display. If the memory location is empty, EMPTY shows in the display

- 4. Press the MEM button again. The display shows ENTER NAME. NOTE: If you don't want to enter the name, skip step 5.
- 5. Use the handset number keypad to enter a name (up to 15 characters). More than one letter is stored in each of the number keys. For example, to enter Bill Smith, press the 2 key twice for the letter B. Press the 4 key 3 times for the letter I. Press the 5 key 3 times for the letter L, and wait for 1 second. Press the 5 key 3 times for the second letter L, and press the 1 key to insert a space between the first and last name. Press the 7 key 4 times for the letter S; press the 6 key once for the letter M; press the 4 key 3 times for the letter I; press the 8 key for the letter T; press the 4 key twice

NOTE: If you make a mistake press the CHAN/DELETE button to backspace and erase the wrong character(s) or number(s).

- 6. Press the MEM button again to save the name. The display shows $\,$ ENTER TEL NUMBR.
- 7. Use the touch-tone pad to enter the telephone number you want to store (up to 24 digits).

NOTE: The system treats PAUSES as delays or spaces in the dialing sequence. 8. Press MEM again to store the number. You will hear a confirmation

Storing the Last Number Dialed

- 1. Repeat steps 1 through 6 in Storing a Name and Number in
- 2. Press the REDIAL button.
- 3. Press the MEM button to store the number. You will hear a confirmation tone.

To replace an old number with a new redial number:

- 1. Repeat steps 1 through 6 in Storing a Name and Number in Memory.
- 2. Press the REDIAL button.
- 3. Press the MEM button, and REPLACE MEMO? shows in the display.
- 4. Press the MEM button again to replace the old number with the new number. You will hear a confirmation tone. Inserting a Pause in the Dialing Sequence

Press and hold the PAUSE# button for two seconds to insert a delay in the dialing sequence of a stored telephone number. A pause is needed to wait for a dial tone (for example after you dial 9 for an outside line, or to wait for a computer access tone). A pause shows on the

display as a ${\it P}$. Each pause counts as 1 digit in the dialing sequence.

If you need a longer pause, press and hold the PAUSE# button for two

seconds, release and repeat

- Changing a Stored Number 1. Repeat steps 1 through 7 in Storing a Name and Number in Memory. REPLACE MEMO? shows in the display.
- 2. Press the MEM button to store the number. You will hear a confirmation tone.

Reviewing and Deleting Stored Numbers

- 2. Use the CID/VOL (◆ or ▶) button to scroll to the desired memory location or press the desired memory location (0-9).
- 3. While the entry is displayed, press the CHAN/DELETE button to delete the entry. The display shows **DELETE?**. 4. Press CHAN/DELETE again to confirm. The display shows DELETED.

You will hear a confirmation tone Dialing a Stored Number

- 1. Make sure the phone is **ON** by pressing the TALK/CALL BACK button.
- 2. Press the MEM button.
- 3. Press the number (0-9) for the desired memory location. The number dials automatically

- 1. Make sure the phone is OFF (not in TALK mode).
- 2. Press the MEM button.
- 3. Use the CID/VOL (◆ or ▶) button to scroll through the numbers stored in memory until the desired number is shown.
- 4. Press TALK/CALL BACK. The number dials automatically.

Chain Dialing from Memory Use this feature to make calls which require a sequence of numbers,

such as using a calling card for a frequently called long distance number. You simply dial each part of the number sequence from memory. The following example shows how you can use chain dialing to make a call through a long distance service:

The Number For	Memory Location
Long distance access number	7
Authorization code	8
Frequently called long distance number	9

4. At the next access tone, press MEM and then the 9 key.

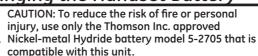
button, or your call may not go through.

TIP: Wait for the access tones before pressing the MEM

- 1. Make sure the phone is **ON** by pressing the TALK/CALL BACK button. • Did you follow proper dialing sequence?
- 2. Press the MEM button and then press the 7 key. 3. When you hear the access tone, press MEM again and then press $\,$

• Make sure phone is in tone dialing mode.

Changing the Handset Battery



- 1. Make sure the telephone is **OFF** (not in TALK mode) before you replace battery
- 2. Remove the battery compartment door.
- 3. Disconnect the battery plug from the jack inside the battery compartment and remove the battery pack from the handset.
- 4. Insert the new battery pack and connect the cord to the jack inside the battery compartment
- 5. Put the battery compartment door back on.
- 6. Place handset in the base to charge. Allow the handset battery to properly charge (for 16 hours) prior to first use or when you install a new battery pack. If you do not properly charge the phone, battery performance will be compromised.

Battery Safety Precautions

- Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause
- To reduce the risk of fire or personal injury, use only the Nickelmetal Hydride battery listed in the User's Guide.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.

NOTE: The RBRC seal on the battery used in your Thomson Inc. product indicates that we are participating in a program to collect and recycle the rechargeable battery (or batteries).

For more information go to the RBRC web site at www.rbrc.org or call 1-800-8-BATTERY or contact a local recycling center.

Display and Caller ID Messages

The following indicators show the status of a message or of the unit. **BLOCKED CALL** The person is calling from a number that has been blocked from transmission

Prompt asking if you want to erase a Caller ID record.

BLOCKED NAME The persons name is blocked from transmission **BLOCKED NUMBER** The person is calling from a number that has been blocked from transmission CALL WAITING Indicates a call is waiting on the line. DELETE ALL? Prompt asking if you want to erase all Caller ID

DELETED Prompt confirming the Caller ID record is erased. **EMPTY** Indicates a memory location is vacant END OF LIST Indicates that there is no additional information in Caller ID memory Prompt telling you to enter the name for one of the 10 **ENTER NAME** memory locations

ENTER TEL NUMBR Prompt telling you to enter the telephone number for one of the 10 memory locations. INCOMPLETE DATA Caller information has been interrupted during transmission or the phone line is excessively noisy. LOW BATTERY Indicates the battery pack needs charged. NEW Indicates call or calls have not been reviewed. NO CALLS Indicates no calls have been received NO DATA No Caller ID information was received **PAGING** The PAGE button has been pressed on the base. PRESS TALK KEY Indicates the CID number is a Direct Dial Number

Repeat call message. Indicates that a new call from the same number was received more than once. UNKNOWN NAME/ The incoming call is from an area not CALLER/NUMBER serviced by Caller ID or the information

Handset Sound Signals Meaning A long warbling tone (with ringer on) Signals an incoming call Three short beeps (several times) Page signal Single beep every 7 seconds Low battery warning

(DDN) and cannot be formatted

Troubleshooting Guide

Cordless Phone Solutions

No dial tone

DELETE CALL ID?

- Check installation Make sure the base power cord is connected to a working electrical outlet. Make sure the telephone line cord is connected to the base unit and the wall
- Connect another phone to the same modular jack; if the second phone doesn't work, the problem might be with your wiring or local service.
- The handset may be out of range of the base. Move closer to the base. Make sure the battery is properly charged (for 16 hours).
- Ensure the battery pack is installed correctly. Did the handset beep when you pressed the TALK/CALL BACK button? Did the
- charae/in use indicator come on? The battery may need to be charaed • Place the handset in the base for at least 20 seconds.

- Handset does not ring • Make sure the RINGER switch on the handset is turned ON.
- Move closer to the base. The handset may be out of range. • You may have too many extension phones on your line. Try unplugging some phones.
- Check for a dial tone. You experience static, noise, or fading in and out

· Change channels.

Charge the battery.

• Move closer to base. The handset might be out of range.

- Relocate the base. Make sure base is not plugged into an electrical outlet with another household appliance.
- Place handset in base for 20 seconds; if it still beeps, charge battery for 16 hours. • Clean the charging contacts on handset and base with a soft cloth.
- See solutions for "No dial tone." · Replace the battery.

Memory Dialing doesn't work • Make sure you programmed the memory location keys correctly.

Phone dials in pulse with tone service

Phone won't dial out with pulse service • Make sure phone is in pulse dialing mode.

Caller ID Solutions

- $\bullet\ \ \,$ The battery must be fully charged. Try replacing the battery.
- Make sure that the unit is connected to a non-switched electrical outlet. Disconnect the unit from the wall and plug it in again.
- You must be subscribed to Caller ID service from your local telephone company in order to receive Caller ID records.

Caller ID Error Message

 The unit displays this message if it detects anything other than valid Caller ID information during the silent period after the first ring. This message indicates either the presence of noise on the line, or that an invalid message has been sent from the telephone company.

Causes of Poor Reception

- · Foil backing on insulation

- Base is installed in the basement or lower floor of the house
- Handset battery is low.

- To keep your telephone working and looking good, follow these guidelines: Avoid putting the phone near heating appliances and devices that generate
- DO NOT expose to direct sunlight or moisture.
- Clean with a soft cloth and never use a strong cleaning agent or abrasive powder because this will damage the finish.

Service

This product may be serviced only by the manufacturer or its authorized service agents. Changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product. For instructions on how to obtain service, refer to the warranty included in this guide or call customer service at

P O Box 1976 Indianapolis, IN 46206

Manager, Consumer Relations

Thomson Inc.

Limited Warranty

What your warranty covers: • Defects in materials or workmanship.

• One year, from date of purchase. (The warranty period for rental units begins with the first rental or 45 days from

What we will do:

• Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing • "Proof of purchase in the form of a bill of sale or receipted invoice which is

evidence that the product is within the warranty period, must be presented to

- 11721 B Alameda Ave Socorro, Texas 79927
- operating instructions and user controls. Any additional information, should be

obtained from your dealer.)

- Installation and setup service adjustments.
- Damage from misuse or neglect. • Products which have been modified or incorporated into other products.
- Limitation of Warranty: • The warranty stated above is the only warranty applicable to this product. All other warranties, express or implied (including all implied warranties of merchantability or fitness for a particular purpose) are hereby disclaimed. No verbal or written information given by Thomson Inc., its agents, or employees shall create a guaranty or in any way increase the scope of this
- Repair or replacement as provided under this warranty is the exclusive remedy of the consumer. Thomson Inc. shall not be liable for incidental or consequential damages resulting from the use of this product or arising out of any breach of any express or implied warranty on this product. This disclaimer of warranties and limited warranty are governed by the laws of the state of Indiana. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose on

this product is limited to the applicable warranty period set forth above. How state law relates to this warranty:

rights that vary from state to state

DESCRIPTION

• Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you

• This warranty gives you specific legal rights, and you also may have other

If you purchased your product outside the USA:

• This warranty does not apply. Contact your dealer for warranty information. Accessory Information

Replacement Handset Battery Pack 5-2705 AC Power Adaptor 5-2769 To place order, have your Visa, MasterCard, or Discover Card ready and call toll-free 1-800-338-0376. A shipping and handling fee will be charged upon

CATALOG NO.

ordering. We are required by law to collect appropriate sales tax for each individual state, country, and locality to which the merchandise is being sent. Items are subject to availability.

- Heating ducts and other metal construction that can shield radio signals. · You're too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storms.
- Base is plugged into AC outlet with other electronic devices.
- · Baby monitor is using the same frequency.

• You're out of range of the base.

General Product Care

- electrical noise (for example, motors or fluorescent lamps).
- Avoid dropping the unit and other rough treatment.

Retain the original packaging in case you need to ship the phone at a later date.

If trouble is experienced with this equipment, for repair or warranty information, please contact customer service at 1-800-448-0329. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

1-800-448-0329. Or refer inquiries to:

Attach your sales receipt to the booklet for future reference or jot down the date this product was purchased or received as a gift. This information will be valuable if rvice should be required during the warranty period.

For how long after your purchase:

date of shipment to the rental firm, whichever comes first.)

- Provide you with a new or, at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.
- obtain warranty service." For rental firms, proof of first rental is also required. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to Thomson Inc.
- Pay any charges billed to you by the Exchange Center for service not covered

• Insure your shipment for loss or damage. Thomson Inc accepts no liability in case of damage or loss.

- A new or refurbished unit will be shipped to you freight prepaid. What your warranty does not cover: • Customer instruction. (Your Owner's Manual provides information regarding
- Batteries.
- Products purchased or serviced outside the USA Acts of nature, such as but not limited to lightning damage. **Product Registration:**

• Please complete and mail the Product Registration Card packed with your unit.

It will make it easier to contact you should it ever be necessary. The return of

the card is not required for warranty coverage.